AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the claims:

1. (Currently amended) A method for screening compounds useful for the treatment of proliferative and differentiative disorders comprising contacting a compound with a cell or a cell extract expressing either Cks1 and Skp2, or Cks1, p27 and Skp2, and detecting a change in the activity of Skp2.

2. (Original) The method of Claim 1 wherein the change in the activity of Skp2 is detected by detecting a change in the interaction of Skp2 with either p27 or Cks1.

3. (Original) The method of Claim 1 wherein the change in the activity of Skp2 is detected by detecting a change in the ubiquitination of p27 or degradation of p27 or Cks1.

4. (Currently amended) A method for screening compounds useful for the treatment of proliferative and differentiative disorders comprising adding a compound in a purified system containing either Cks1 and Skp2, or Cks1, p27 and Skp2, and detecting a change in the activity of Skp2.

5. (Original) The method of Claim 4 wherein the change in the activity of Skp2 is detected by detecting a change in the interaction of Skp2 with either p27 or Cks1.

6. (Original) The method of Claim 4 wherein the change in the activity of Skp2 is detected by detecting a change in the ubiquitination of p27 or degradation of p27 or Cks1.

7. (Currently amended) A method for screening compounds useful for the treatment of proliferative and differentiative disorders comprising:

    (a) adding a compound in a purified system containing Skp2 and one or both of: (i) a polypeptide corresponding to the carboxy terminus of the human p27 chain having the sequence NAGSVEWTPKKPGLRRRQT (SEQ. ID. NO: 91) with or without a phosphothreonine at position ~~187~~ 8 and (ii) Cks1; and

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(b) detecting a change in the activity of Skp2.

8. (Original) The method of Claim 7 wherein the change in the activity of Skp2 is detected by detecting a change in the interaction of Skp2 with either the polypeptide or Cks1.

9. (Original) The method of Claim 7 wherein the change in the activity of Skp2 is detected by detecting a change in the ubiquitination of the polypeptide or degradation of the polypeptide or Cks1.